

CHALUPA, J.

OZECH

✓ Determination of inorganic nitrogen in surface waters.
I. Colorimetric determination of nitrites and nitrates.
B. Vokounová-Gerovová and J. Chalupa. *Ústav hyg.
Praha, Českoslov. hyg., epidemiol., mikrobiol., imunol.* 4,
209-72 (1955).—Several methods were reviewed and that of
Sanchez (C.A. 44, 219) was modified by introducing a
treatment of the sample with ions which removed the inter-
fering cations. Sensitivity was 0.05 mg. N/l. and the mean
error was $\pm 1.9\%$. II. Colorimetric determination of
ammonia. *Ibid.* 278-9.—A new method is described based
on the reaction of NH_4^+ with phenol and hypochlorite. Compare
the color of the upper aq. layer with pure water at 030 m μ
and with the blank. The sensitivity was 0.004 mg. NH_3 in
1 l. and the mean error was $\pm 10\%$. L. J. Urbánek

CH

(1)

Met

CHALUPA, J. ; STEFANEK, M.

A new type of device for taking water samples in deep water. p.224.
RIOLOGIA. (Slovenske akademie vied) Bratislava. Vol. 31, no. 4,
1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 5, no. 12, December 1956.

CHALUPKA, J.

Arnost Kleinzeller, Jiri Malek, and Rudolf Vrba's Manometrické metody a jejich použití v biologii a biochemii (Manometric Methods and Their Use in Biology and Biochemistry); a book review. p. 123.
CESKOSLOVENSKA BIOLOGIE, Vol. 4, No. 3, Feb. 1955

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

CHALUPA, J.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Water treatment. Sewage water. H-5

Abs Jour : Ref. Zhur. - Khimiya, No 2, 1958, No 5037

Author : Chalupa J.

Inst : Not Given

Title : Forms of Iron Occuring in Surface Waters and Their Analytical Determination.

Orig Pub : Ceskosl. hyg., 1957, 2, No 1, 2-11

Abstract : On the basis of solubility, valency and reactivity, the Fe contained in surface waters can be divided in 27 groups. A description is given of procedures for collecting samples of

Card : 1/2

CHALUPA, Jiri

Limnologic study of the reservoir Sedilice near Zeliv. III. Chemical part: Iron and dissolved inorganic phosphates. Sbor pal vod VSChT 3 no.2:21-166 '60. (EKAJ 10:2)

1. Institute of Hygiene and Department of Water Technology, Prague.
(Czechoslovakia--Water) (Iron) (Phosphates)
(Czechoslovakia--Reservoirs)

CHALUPA, Jiri; VODERWINKLOVA, Hana

Limnologic study of the reservoir Sedlice near Zaliv IV. Research
on sedimentation. Sbor pal vod VSChT 3 no.2:167-219 '60. (EEAI 10:2)

1. Institut gigiyeny i Katedra tekhnologii vody, Praga.
(Czechoslovakia--Reservoirs)
(Sedimentation and deposition)

STEPANEK, Vladimir; STEPANEK, Miroslav; CHALUPA, Jiri

Limnologic study of the reservoir Sedlice near Zeliv. V. Relation of
organism counts to dissolved oxygen content. Sbor pal vod VSChT 3
no.2:221-238 '60. (KEAI 10:2)

1. Institute of Hygiene and Department of Water Technology, Prague.
(Czechoslovakia--Reservoirs) (Algae) (Oxygen)

CERVENKA, Rudolf; CHALUPA, Jiri; PELIKAN, Ladislav

Electric measuring of level height and waving of conductive liquids.
Sbor pal vod VSChT 4 no.1:287-294 '60. (EEAI 10:9)

1. Ustav hygieny v Praze a Katedra technologie vody, Vysoke skoly
chemicko-technologicke v Praze.

(Hydrology) (Electric measurements)
(Liquid level indicators)

CHALUPA, Jiri

Enrichment of reservoirs by atmospheric phosphorus. Sbor pal vod
VScHt 4 no.1:295-308 '60. (KEAI 10:9)

1. Katedra technologie vody, Vysoka skola chemicko-technologicka,
Praha a Ustav hygiény, Praha.

(Reservoirs) (Phosphorus)

MASINOVA, Libuse; CHALUPA, Jiri

Statistical evaluation of the results of the colo-index estimation
of drinking water by the standard Ficker-Partis and membrane-filter
methods. Sbor pal vod VSChT 4 no.1:309-331 '60.

(EEAI 10:9)

1. Ustav hygieny, Praha a Katedra technologie vody, Vysoka skola
chemicko-technologicka, Praha.

(Escherichia coli) (Drinking water) (Membranes)
(Filters and filtration)

Z/009/61/000/002/003/008
E073/E435

AUTHOR: Chalupa, Jiří

TITLE: Easy Testing of Infra-Analysers

PERIODICAL: Chemický průmysl, 1961, No.2, p.84

TEXT: Infra-analysers with positive filtration produced by Kovopodnik, Třebíč are difficult to calibrate with calibration gases. Therefore, the author developed an easy and fast method for rough verification of the operation of the analyser by means of a built-in slide which is fitted with a mica plate, the thickness of which is commensurate with the sensitivity of the operation. The deflection produced by the absorption of the mica should be about one-third to one-half of the total deflection. The infra-analyser is arranged as follows: in the side walls holes are drilled for conductor wires, by means of which it is possible to slide the mica plate from the centre position between the two entry windows of the membrane condenser to the two extreme positions where the mica screens one of the windows. The mica is protected from damage by a frame of a synthetic substance. The movement of the light frame does not influence the readings of the analyser,

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Easy Testing of Infra-Analysers

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the change in capacitance is negligible. The conductor wires are fitted with a thread and are screwed in to the frame and fixed into position by a locking nut to ensure easy disassembly. Correct setting of the frame with the mica onto the window of the condenser is ensured by stops on the guide wires, i.e. by the nut and the locking nut. The centre position is best ensured by means of a recess through which the frame moves. In the centre position the frame will drop into the recess and this will manifest itself by an increased resistance. The components which rub on each other and the recess in the frame have to be made from materials of equal hardness so as to ensure minimum wear. Before putting the analyser into operation the measuring cuvette is cleaned with air not containing any admixtures to which the instrument could react. The cleaning is continued until a constant analyser indication is obtained; this real zero position need not be identical with the basic line of the mechanical noise on the recorder. If the instrument is not in good order, the indication on the analyser during the air cleaning may drop to the line of the mechanical noise and then again increase to a certain value, or it may not even reach

Card 2/5

Z/009/61/000/002/003/008

Easy Testing of Infra-Analysers

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the line of the mechanical noise during the air cleaning. After thorough air cleaning, both branches of the analyser, the comparison and the analysing one, are alternately screened with the mica, the average of the two indications is established and the equilibrium diaphragms in the radiator are adjusted in such a way that the instrument indicates the average value when one of the two windows is screened with the mica. Thereby, the correct zero position is achieved. Following that, the deflection (in scale divisions) is compared with that obtained during the preceding test measurement. If it differs, it is re-set to the initial value by means of the "fine sensitivity" potentiometer. Minor damage of the mica has no appreciable influence on the correct setting of the zero position but it does influence the sensitivity setting, which has to be done very carefully and be recorded. If there is a continuous drop in sensitivity, the analyser should be re-calibrated with calibration gases. The loss in sensitivity may be caused by a change in the radiation source or in the electronic circuit or in the membrane condenser. A change in the radiation intensity or in the gain can be compensated without danger by the sensitivity-potentiometer, a

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Easy Testing of Infra-Analysers

change in the condenser is always dangerous. For instance, penetration of the air into the condenser as a result of untightness may cause a change not only in the absolute sensitivity (which could easily be eliminated by a change in gain) but also in the ratio of the sensitivity to various components in the analysed mixture. As a result of this, incorrect data would be obtained even if the zero position of the instrument is correctly set and its sensitivity is adjusted on the basis of the data obtained by screening with mica. The opposite case, a change in the ratio of the sensitivity to various components without influencing the total sensitivity, is unlikely and was not observed during one year of operation. If a change in the sensitivity is observed, this method cannot substitute calibration with gases but it does permit recognizing the time when re-calibration is really indispensable. The here-described method also enables simple verification of the zero position without opening the instrument. If mica plates are placed into the open instrument, reliable results can never be obtained, since the thermal regime will be disturbed. The thermal equilibrium is re-established only after a few hours so that the set zero position may change during that time. This easy

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Easy Testing of Infra-Analysers

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verification can be used for verifying the data of the analyser,
it reduces the necessity of re-calibration to a minimum and enables
re-adjusting in time minor faults on which the accuracy and
reliability of the analysis depends.

(Note: Essentially complete translation)

ASSOCIATION: Spolek pro chemickou a hutní výrobu, Ústí n.L.
(Society for Chemical and Metallurgical Production)

Card 5/5

CHALUPA, J:

Simple phenolic substances of natural origin in surface waters. Cesk.
hyg. 7 no.8:445-448 S '62.

1. Ustav hygieny, Praha.
(WATER SUPPLY) (PHENOLS)

CHALUPA, J.

Czechoslovakia

Hygiene Institute, Prague (Ustav hygieny, Praha)

Prague, Ceskoslovenska hygiena, No 8, Sep 62, pp 445-448.

"Simple, Naturally Occurring Phenolic Substances in Surface Waters".

CZECHOSLOVAKIA

CHALUPA, J.

Institute of Hygiene (Ustav hygieny), Prague

Prague, Ceskoslovenska Hygiena, No 8, 1964, pp 499-506

"On the Uniform Concept of the Presence of Coloring Matter
in Surface Water."

HAVLIK, J., CHALUPA, J.

Apropos of rickets. Cesk. pediat. 19 no.1:50-54 Ja'64

1. Detaké oddelení OUNZ v Karlových Varech; vedoucí lekar MUDr. J. Fidler.

*

CHALUPA, Miroslav; POLACKOWA-PTASINSKA, Marie

Therapeutic exercises after gynecological operations. Cesk.gyn.
26[40] no.1/2:97-99 F '61.

1. III. porodnicke a gynekologicke oddeleni v Brne, prednosta doc.
MUDr. Antonin Cernoch.
(GYNECOLOGY surgery)
(EXERCISE THERAPY)

MIKES, V.; UHER, M.; CHALUPA, M.

Review of prenatal fetal deaths observed at the 2d Gynecological-
Obstetrical Hospital in Brno for a 10-year period. Cesk.gynek. 28
no.8:533-535 O '63.

l. II. gyn.-por. klin. lek. fak. UJEvP v Brne, prednosta doc. dr.
M. Uher, CSc.

CHALUPA, M.

Use of punched cards for evaluating data obtained from case records and birth certificates. Cesk. gynek. 28 no. 108678-686
D'63.

1. II. gyn. - por. klin. lek. fak. Uher v Brne, prednosta
doc. dr. M. Uher, CSc.

CHALUPA, M.

Comments on the care of pregnant subjects and parturients
in the U.S.S.R. Cesk. gynek. 29 no.9:716-717 N°64

I. II. gyn.-por. klin. lek.fak. University J.E.Parkyne v
Brne (prednosta doc. dr. M. Uher, CSc).

SVEC, J.; CHALUPA, M.

On water pollution of the Dolnoves reservoir of the water dam
in Fryšták. Česk. hyg. 10 no. 7:426-430 Ag '65.

1. Okresní hygienicko-epidemiologická stanice, Gottwaldov a
Okresní vodohospodárska správa, Gottwaldov.

STEINER, P., dr.; CHALUPA, M., dr.

Kartagener syndrome. Magy. sebesz. 16 no.1:74-76 Mr '63.

l. Szlovák Orvostudományi Intézet. Sebészeti tanszék. Martin CSSR
Vezető: Steiner P. dr. egyetemi docens.

(KARTAGNER TRIAD)

CHALUPA, Myslibor, inz.

Use of water from the Kvasice gravel pit. Vodni hosp 15
no.3;111-112 '65.

1. District Water Resources Management, Gottwaldov.

CHALUPA, M., inz.; SVEC, J., dr.

Pollution of the Fryštak Creek Reservoir by waste water from silo trenches. Vodní hosp 15 no.4:170-172 '65.

1. District Water Resources Management Agency, Gottwaldov and District Hygienic and Epidemiological Station, Gottwaldov.

CHAKUPA, M.

- 35*
- 269*
- Bogotá, Bogotá, Colombia, Vol. 1, No. 9, 1962
of Sciences (Academia Colombiana de Ciencias Exactas, Físicas y Naturales) 1962.
1. Professor **WILFRED MARTÍNEZ**, MD and Doctor of Sciences, is bicyc.
address: pp 321-322.
 2. "Postoperative Complications and After-treatment in Patients Having Operations on Operation Using Extracorporeal Circulation," by L. M. MARCHAL, T. RODRIGUEZ, E. VARGAS, M. SANCHEZ, P. ESPARZA, M. RIBERA and J. GONZALEZ, of the No. 2 Surgery Clinic at the Medical Faculty of Complutense University (U. Complutense Alcalá de Henares) in Madrid; headed by (President of the Royal Spanish Medical Society, corresponding member of the CIAM [Colombian American Medical Council], Academia Colombiana de Ciencias) pp 323-335 (English summary).
 3. "Controversial Problems in the Diagnosis of Bone Tumors and Similar New Attacks," by J. GONZALEZ—chief (professor) and corresponding member of the U. Complutense Medical Faculty (Hospital Universitario Central de la Princesa), of the Orthopedic Clinic (Hospital Universitario Central de la Princesa) at the Medical Faculty of Complutense University (see no. 2) in Madrid; pp 335-346 (English summary).
 4. "Endemic Chagas Disease and Chagas' Disease—Parasite and Clinical Features in 95 Cases," by doctor J. M. MUÑOZ, head of the Clinic of Pediatrics and Child Surgery (Clinical division) a member of the Medical Faculty of Complutense University [see no. 3] in Madrid; pp 348-356 (English summary).
 5. "Non-Specific Manifestations of the Small Intestines," by R. CALVO, of the **CLINIC** (Clinic of the Medical Faculty of Complutense University) in Madrid; headed by professor L. CARBONELL, MD; pp 357-366.
 6. "On the Problem of the Intravascular Administration of Metabolites of the Body," by the **CLINIC** (Clinic of the Medical Faculty of Complutense University) in Madrid; headed by professor L. CARBONELL, MD; pp 377-386 (English summary).
 7. "On the Problem of Induction to the Injection Treatment of Insulinoma," by M. RODRIGUEZ, O. ALVAREZ, A. GARCIA, I. TORREGA and M. CHAVES, from the **CLINIC** (Clinic of the Surgery, Clinic at the Medical Faculty of P. J. Olmedo, Universidad Nacional, Bogotá, Colombia, Colombia, Faculty of Medicine, P. J. Olmedo) in Bogotá; headed by professor V. VALDERRAMA, MD; pp 387-396 (English summary).

KORHON, M.; HALAK, O.; CHALUPOVA, E.; KOSTOLNY, I.; CHALUPA, M.

On the problem of the indication of residual fibrocaceous tuberculous
beds in the lung following resection therapy. Bratisl. lek. listy 42
no.9:569-574 '62.

1. Z patologickoanatomickeho ustavu Palackeho University v Olomouci,
prednosta doc. MUDr. V. Valach, z chirurgicke kliniky Palackeho Uni-
versity v Olomouci, prednosta prof. MUDr. Vl. Rapant, Dr. Sc., z
VUCHP v Nove Polane, prednosta MUDr. O. Halak, a z II chir. kliniky
lek. fak. Univ. Komenskeho v Bratislave, prednosta akad. K. Siska.

(PNEUMONECTOMY)

RAKAY, A.; KOSTOLNY, I.; KORHON, M.; HALAK, O.; CHALUPOVA, E.; CHALUPA, M.;
SKOKNA, D.; SALZMANN, J.

Results of a study of the bronchi and peribronchial lymph nodes following
resection of the lungs in tuberculosis. Bratisl. lek. listy 42 no.10:
596-600 '62.

1. Z Vojenskeho ustavu pre choroby pl'uene v Novej Polianke, riaditeľ
MUDr. O. Halak a z II. chir. kliniky Lek. fak. Univ. Komenskeho v
Bratislave, prednosta akademiejk K. Siska.
(TUBERCULOSIS PULMONARY) (BRONCHI) (LYMPH NODES)
(PNEUMONECTOMY)

CHALUPA, M.

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HAL'AK, O., MD; KOSTOLNÝ, I.; SKOKŇA, D.; SALZMANN, J;
RÁKAY, A.; CHALUPOVÁ, E.; CHALUPA, M.; KORHON, M., MD.

Czechoslovakia

VUCHP -- Nova Polianka (VUCHP -- novi Polianka);
Head: O. HAL'AK, MD; Second Surgical Clinic
-- Bratislava (II. chirurgicki klinika -- Brati-
slava); Head: K. SÍSKA; Pathological-Anatomical
Ward of the Military Hospital -- Ružomberk
(Patologickoanatomické oddelenie Vojenskej
nemocnice -- Ružomberk); Head: M. KORHON, MD.
- (for all)

Bratislava, Lekársky Obzor, No 1, 1963, pp 41-49

"The Selection and Indications for and Results of
the First One Hundred Lung Resections for Tuber-
culosis Performed at VUCHP NOVA POLIANKA."

Mitel

✓3261* Temperature Measurement of Molten Steel by the
Immersion Pyrometer at the VZKG. *Měření teploty tekuté
oceli ponorným pyrometrem ve VZKG.* (Czech.) J. Miček
and R. Chalupa. *Hutník*, v. 6, no. 10, Oct. 1955, p. 311-313.
Instrument gives data on temperature of bath, slag, and ladle
after tapping. Tables, diagrams, graphs, photograph. 2

CHALUPA, V.

The practice and economics of stowing. p. 373.

UHLI (Ministerstvo paliv) Praha, Czechoslovakia. Vol. 1, no. 11, Nov. 1959

Monthly list of East European Accessions (EEAI), Vol. 9, no. 1, Jan. 1960

Uncl.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

ZDRAZIL, Boris; CHALUPA, Vaclav

Ventilation apparatus INVA type ZCH-97280. Rudy 9 no.11:392 N '61.

(Mine ventilation)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9"

CHALUPA, Vladislav, inz.

Stopping the water break at the 32d seam of the Doubrava mine
and calculation of the operation. Uhli 7 no.4:125-128 '65.

1. Doubrava Mine in the Ostrava-Karvina coalfield.

CHALUPA, V.: FOHL, O.

CHALUPA, V.; FOHL, O. Remarks on O. Pul's article "Technical and Financial Evaluation of Various Systems of Transportation in Coal Mines with Sloping Seams (20-30°)" published in Uhli, v. t., no. 2, 1955. p. 393.
National conference of persons active in the coal industry. p. 395.

Vol. 5, No. 11, Nov. 1955

UHLI

Technology

Praha, Czechoslovakia

So: EAst Europeon Accessions, Vol. 5, No. 5, May 1956

CHALUPA, V.

~~Stability of the beginning of phenological phases in the Quercus pedunculata Ehrh. Meteor zpravy 17 no.1:23-25 F '64.~~

1. Research Institute of Forestry and Wildlife, Zbraslav-Strnady.

CHALUPA, V.

SCIENCE

Periodicals: METEOROLOGICKE ZPRAVY. Vol. 11, no. 4/5, Oct. 1958

CHALUPA, V. Contribution to the problems of the phenological observations of forest trees. p. 102.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

CHALUPA, V., inz., CSc.

Determining the beginning and course of autumn phenological phases in wood plants by visual and instrumental methods.
Meteor zpravy 16 no.3/4:61-66 Ag '63.

1. Vyskumny ustav lesniho hospodarstvi a myslivosti, Zbraslav-Strnady.

L 21164-66

ACC NR: AP6010964

SOURCE CODE: CZ/0080/65/000/004/0102/0103

35
B

INVENTOR: Chalupa, V. (Engineer)

ORG: none

TITLE: Logical element with a ferroelectric capacitor--Czech patent No. PV 2768-64,
Class 21a sup 1

SOURCE: Automatizace, no. 4, 1965, 102-103

TOPIC TAGS: ferroelectric material, logic element, electric capacitor

ABSTRACT: Date of publication, 15 January 1965. PT 21a, 36/18,
NPT H-03k, PV 2768-64, from 13 May 1964. To Engineer V. Cha-
lupa. This logical element (for the logical operation "OR")
does not have the shortcomings of electronic logical elements
with respect to the anode voltage, dimensions, the need for
installation in a definite position, etc. Its parameters are
given. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 09, 20 / SUBM DATE: none

Card 1/1 BK

L 34117-66

ACC NR: AP6026048

SOURCE CODE: CZ/0034/66/000/003/0227/0227

AUTHOR: Jordanov, K. K. (Engineer); Chalupa, V.

21

ORG: none

B

TITLE: Portable apparatus for temperature measurements

AM

SOURCE: Hutnické listy, no. 3, 1966, 227

TOPIC TAGS: temperature measurement, measuring apparatus

ABSTRACT: The article is a summary of Czechoslovak Patent Application Class 421, 9/20, PV 6483-64, dated 23 Nov 64. The apparatus is designed for temperature measurements without a direct contact between the apparatus and the object of which the temperature is measured. The basis of the invention is a silicon photocell which is aimed at the object which is investigated. Temperature range is 500 to 2000°C.
Orig. art. has: 1 figure. [JPRS: 36,646]

SUB CODE: 20 / SUBM DATE: none

Card 1/1 MJS

0916

1075

CHALUPA, Z.; HAJEK, J.

"Measuring on the cathode-ray oscilloscope." p. 299

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 10, Oct., 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclassified

CHALUPA, Z.; PROCHAZKA, K.; HAJEK, J.

A few problems of special cathode-ray oscillographs. p. 349.
(SLABOPROUDY OBZOR, Vol. 17, No. 6, June 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

Elektrotechnicky' Ozbor
Vol. 47, Nr. 1, 1958

Houf F., Chalupa Z. and Hama V.: Disconnection of
Small Induced Currents by means of High-Voltage
Liquid Circuitbreakers

Disconnection of Small Induced Currents by means of High-Voltage Liquid Circuitbreakers In disconnecting small induced currents, up to 60 A, by means of an expansion circuit-breaker, a critical range is built up about 35 A, leading to a prolongation of the burning times of the electrodes. This phenomenon can be explained by the low pressure of the dielectric strength of the expansion due to its rarefied character. The critical range of currents is very easily determined by the method of maximum filtering of the burning times of the arc. In the critical range the distribution of the frequencies of the burning times of the circuits are shown the greatest pointlessness within the entire considered interval. From the viewpoint of operation the results must be considered as erroneous.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

CHALUPA, Z.

Reactor with an organic moderator. Jaderna energie 6 no.7:245-
246 J1 '60.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

CHALUPA, Z.

Nuclear power in Sweden. Jaderna energie 7 no.9:315-319 S '61.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9"

CHALUPA, Z.

Basic tasks of the Soviet science in the energetics and nuclear physics.
Jaderna energie 8 no.1:25 Ja '62.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

CHALUPA, Z.

Nuclear power in Pakistan. Jaderna energie 8 no.8:296 Ag '62.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9"

CHALUPA, Zdenek, inz., C.Sc.

Making use of magnetoplasmodynamic effect. Tech praca
14 no.5:337-340 My '62.

1. Vyzkumny ustav energeticky, Praha.

CHALUPA, Z.

Problems of controlled thermonuclear reactions. Jaderna
energie 8 no.10:372-376 O '62.

CHALUPA, Z.

Research on reactor techniques in Switzerland. Jaegerna energie
8 no.12:439-441 '62.

CHALUPA, Z.

Boiling reactor and outlook for its use in nuclear engineering.
Jaderna energie 9 no.2:68-70 F '63.

CHALUPA, Z.

Costs and number of employees of the nuclear power plants in
the United States. Jaderna energie 9 no.9:303-304 S'63.

CHALUPA, Z.

"The Seaborg report on nuclear energy" by A. Cassuto. Reviewed
by Z. Chalupa. Jaderna energie 9 no.10:314 O '63.

CHALUPA, Z.

The second British plan of nuclear engineering development.
Jaderna energie 10 no.11:422-423 N '64.

Z/042/62/000/006/003/003
E140/E435

AUTHOR: Chalupka, Milan, Engineer

TITLE: Photometry of light impulses

PERIODICAL: Elektrotechnický časopis, no.6, 1962, 350-356

TEXT: The author examines the problems of measuring the output of flash lamps, or other brief light flashes, such as obtained from electrical overload of wires. It is concluded that vacuum photocells have suitable characteristics for these measurements if precautions are taken with respect to linearity and fatigue. Linearity is achieved in the range 0 to 10^6 Lux. For higher intensities, non-selective reducing filters and spectral correction are required. There are 5 figures.

ASSOCIATION: Katedra elektroenergetiky SVŠT, Bratislava
(Department of Electric Power Engineering SVŠT
Bratislava)

SUBMITTED: January 22, 1962

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L 31545-66 EWT(1) IJP(c) GG/WW

ACC NR: AP6024708

SOURCE CODE: CZ/0042/65/000/010/0573/0592

AUTHOR: Kneppo, Ludovit (Corresponding member CSAV; Academician SAV; Professor; 5/
Doctor; Engineer; Doctor of sciences); Chalupka, Milan—Khalupka, M. (Engineer; B
Candidate of sciences)

ORG: Kneppo Department of Theoretical and Experimental Electrical Engineering,
SVST (Katedra teoretickej a experimentnej elektrotechniky SVST); Chalupka—
Khalupka Department of Electric Power Engineering, SVST, Bratislava (Katedra
elektroenergetiky SVST)

TITLE: Vector solution of the light field

SOURCE: Elektrotechnicky casopis, no. 10, 1965. 573-592

TOPIC TAGS: illumination engineering, electrostatic field, vector, calculus

ABSTRACT: The paper presents a solution of light fields from typical sources with reference to the possibilities of application of the method in theoretical illumination engineering. A uniform method is given for calculation of the illumination intensity E by the aid of the light vector S of the investigated field. The results are applied to several cases of curve-shaped and non-plane areas. The light field is compared with the elec-

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ACC NR: AP6024708

trostatic field and the opinion is stated that there is no formal analogy between them. The paper takes into account observation of the linear and areal symmetry of the fields, when complex calculus can be used advantageously. This article was presented by B. Havelka.

Orig. art. has: 19 figures and 40 formulas. [Based on authors' Eng. abst.]
[JPRS: 34,691]

SUB CODE: 20, 12 / SUBM DATE: 20May65 / ORIG REF: 001 / SOV REF: 002

Card 2/2 ✓

CHALUPKA, V.: DRABEK, V.

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Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956.

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Lek. ces. 1950, 89/45 (1268-1271)

Epidural haematoma occurred in 8 out of 1,500 cases of head injury. Therefore this complication does not seem to be as common as some authors claim. Diagnostic errors, however, are not rare, because the symptomatology of this affection is not constant. The most reliable sign is the free interval of complete lucidity.

Jirout - Prague

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J. Chalupnik.
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(NEOMYCIN ther)

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- 31
264
- Bratislava, Praktické Lekárske Listy, Vol. 1, No. 3, 1962**
Copyright by the Publishing House of the Slovak Academy
of Sciences (Vydavatelstvo Slovenskej Akademie Vied) 1962.
1. Professor Vladislav RAPANTE, MD and Doctor of Sciences, is Bistro," editorial; pp 521-522.
 2. "Prosthetic Complications and After-Treatment in Patients Having Undergone an Operation Using Extracorporeal Circulation," by K. KREJZEL, J. BURKOV, F. VÄLICHOV, M. SEDOREK, V. GÖTTSCHE, M. HESKA and D. SUBROTO, of the No 2 University Clinic of the Faculty of Czechoslovak University (Fakulta ohnivodkohlinika Československej Univerzity v Bratislavě), in Bratislava, headed by (professor) K. HESKA, corresponding member of the CAS (Czechoslovak Academy of Sciences), and Doctor of Sciences and Socialist Party Member of the CAS (Slovenske akademie vied) Bistro, Faculty of Sciences and B. ŠELEGOVÁ, of the Orthopaedic Clinic (Orthopédická klinika) at the Medical Faculty of Comenius University (Fakulta lekařství) in Bratislava; pp 523-525 (English summary).
 3. "Concurrent Problems in the Diagnoses of Some Diseases and Diseases Being member of the CAS (Slovenske akademie vied) Bistro, Faculty of Sciences and B. ŠELEGOVÁ, of the Orthopaedic Clinic (Orthopédická klinika) at the Medical Faculty of Comenius University (Fakulta lekařství) in Bratislava; pp 526-528 (English summary).
 4. "Thrombotic Occlusions of Metatarsal and Crural Veinular Fistulas in Patients with 155 Cases," by docent J. MUDRA, MD, head of the Clinic of Endocrinology and Internal Medicine (Endokrinologický a internistický oddelení) at the Medical Faculty of Comenius University (Fakulta lekařství) in Bratislava; pp 529-530 (English summary).
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CHALUPOVA, E.

CZECHOSLOVAKIA

No academic degree indicated

Military Sanatorium for Pulmonary Diseases (Vojensky liecebny ustav
pre choroby plucne), Nova Polianka; Director: Dr. O. HALAK;

Prague, Rozhledy v tuberkulose a v nemozech plicnich, No 9, Oct 62,
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CHALUPOVA, E.

Cyber

(6)
CSSR

RAKAY, A.

no academic degree indicated

Military institute for pulmonary diseases (Vojensky ustav pre choroby plueme), Nova Polianka, director: O. HALAK, MD, and II surgical clinic of the medical faculty, Comenius University (II chir.klinika Lek.fak. Univ.Comenskeho), Bratislava, directors: academician K. SISKA

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Co-authors:

KOSTOLNY, I. same as above

KORHON, M.

HALAK, O.

CHALUPOVA, E.

CHALUPA, M.

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J. Z patologickoanatomickeho ustavu Palackeho University v Olomouci,
prednosta doc. MUDr. V. Valach, z chirurgicke kliniky Palackeho Uni-
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VUCHP v Nove Poliance, prednosta MUDr. O. Halak. a z II chir. kliniky
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(PNEUMONECTOMY)

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SKOKNA, D.; SALZMANN, J.

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MUDr. O. Halak a z II. chir. kliniky Lek. fak. Univ. Komenskeho v
Bratislave, prednosta akademiej K. Siska.

(TUBERCULOSIS PULMONARY) (BRONCHI) (LYMPH NODES)
(PNEUMONECTOMY)

CHALUPOVÁ, E.

8

HAL'AK, O., MD; KOSTOLNÝ, I.; SKOKŇA, D; SALZMANN, J;
HAKAY, A; CHALUPOVÁ, E; CHALUPA, M; KORHON, M., MD.

Czechoslovakia

VUCHP -- Nova Polianka (VUCHP -- Novi Polianka);
Head: O. HAL'AK, MD; Second Surgical Clinic
-- Bratislava (II. chirurgicki klinika -- Bratislava); Head: K. SISKA; Pathological-Anatomical
Ward of the Military Hospital -- Ružomberk
(Patologickoanatomicke oddelenie Vojenskej
nemocnice -- Ružomberk); Head: M. KORHON, MD.
- (for all)

Bratislava, Lekársky Obzor, No 1, 1963, pp 41-49

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in rats (Cz))

(RATS, diseases,

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STANEK, Miroslav, inz.; TEYSSLER, Jiri, inz., dr.; FISCHER, Jiri, inz.;
SPITALNIK, inz.; STEKL, inz.; NAVRATIL, Miroslav, inz., dr.;
IBLER, Jaroslav, inz., dr.; KARAS, Frantisek, prof., inz., dr., ScDr.;
CESKA, inz.; HOFTMANN, V., ina.; CHALUPSKY, Josef, inz.;
FAPSO, O., inz.; ROCEK, Jaroslav, inz., ScC.; SVESJDA, J., inz.;
LENCZ, Imrich, inz.; RAJDA, Frantisek; BALOS, Jaroslav, inz.;
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Kubicek, J. Comparison of the quality of 6-caprolactam manufactured in Czechoslovakia and the Soviet Union. p. 167.

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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

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CZECHOSLOVAKIA/Chemical Technology.

I-26

Chemical Products and Their Application--Synthetic
fibers.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10078

Author : Chalupsky, J.

Inst : Not given

Title : The Quality of Fixed-Caprolactam and its Effect on
the Production of Nylon Fibers

Orig Pub: Chem. prumysl., 1955, Vol 5, No 7, 292-293 (in
Czech)

Abstract: The following parameters of 6-caprolactam have
been investigated: melting point, volatile base
content, and content of oxidizable substances.
For the determination of the melting point, a 20
gm dried sample of lactam is melted, and the
maximum solidification temperature is determined.
The volatile bases are determined by heating 20
gms of lactam with 50 ml 2N NaOH and catching

Card 1/2

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

JELEN, B., inz; CHALUPSKY, L., inz.

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CHALUPSKY, L., ins.

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BALIK,S.; CHALUPSKY,L.; MILOVA,A.

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l. Ustav hygieny, Praha, Tesla-Holesovice, n.p., Vyzkum
svetelných zdroju a osvetlování.

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REF ID: A6520

BALIK, S; CHALUPSKY, L; KLOVA, A.

Prague, Ceskoslovenska Hygiene, No 2, 1965, pp 71-80

"The Appraisal of the New Prototype of Fluorescent Lighting
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"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

BALIK,S.; CHALUPSKY,L.; MILOVA,A.

A proposal and evaluation of a prototype fluorescent lamp for
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CHALUS, Frantisek

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ALESKEROV, S.A.; CHAL'YAN, K.M.

Calculating the magnetic fields of electromagnetic mechanisms
on the EM-8 electric model. Dokl. AN Azerb. SSR 10 no.8:543-
546 '54. (MLRA 8:10)

1. Neftyanaya ekspeditsiya Akademii nauk Azerbaydzhanskoy SSR.
Predstavлено членом корреспондентом Академии наук СССР V.I.Ko-
valenkovym.

(Magnetic fields)

ALESKEROV, S.A.; BABICH, Yu.A.; MOTYAKOV, V.I.; CHAL'YAN, K.M.

Experimental study on electrical models of individual problems of geological and technological projections of an alternating sandy-clay horizon. Izv. AN Azerb. SSR no.8:21-29 Ag '56. (MLRA 9:11)
(Petroleum geology--Electromechanical analogies)

CHALYAN, K. M.

124-11-12925

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 92 (USSR)

AUTHORS: Aleskerov, S. A., Babich, Yu. A., Motyakov, V. I., Chalyan, K. M.

TITLE: Experimental Solution of Problems Described by Fourier's Equation
on an EM-8 Electrical Analog Computer. (Opytnoye reshenie zadach,
opisyvayemykh uravneniyem Fur'ye, na elektricheskoy modeli EM-8).

PERIODICAL: Izv. A. N AzSSSR, 1957, Nr. 1, pp 21-29

ABSTRACT: The paper presents the results of several experimental investigations on the EM-8 electrical analog computer, the prototype of which was developed and constructed at the Institute for Exact Mechanics and Computer Techniques of the USSR Academy of Sciences. The device was used to derive a number of experimental solutions for differential equations of the parabolic type

$$\frac{\partial}{\partial x} \left(A \frac{\partial U}{\partial x} \right) + \frac{\partial}{\partial y} \left(B \frac{\partial U}{\partial y} \right) = C \frac{\partial U}{\partial t}$$

Card 1/2 where A, B, and C are known functions of a point (x, y). The

124-11-12925

**Experimental Solution of Problem's Described by Fourier's Equation on an EM-8
Electrical Analog Computer (continued).**

desired solution, $U(x, y, t)$ is determined from the stationary boundary conditions and the initial conditions

$$U(x, y, t) \mid_{t=0} = f(x, y)$$

The analog simulation of the process is performed with the aid of resistor and capacitor networks. The results of the experimental solutions of problems taken from the theory of seepage of an elastic fluid and from the theory of heat transfer, were correlated with known approximate or exact analytical solutions. From the examples and the correlation analysis adduced, conclusions are drawn relative to the expediency of utilizing the proposed method for the solution of practical problems. (V. P. Pilatovskiy)

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MEYEROVICH, E.A.; CHAL'YAN, K.M.

Use of a consecutive approximation method for calculating
current distribution in conductors with consideration of the
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MEYEROVICH, E.A.; CHAL'YAN, K.M.

Method for calculating the current density distribution from
the cross section of two conductors allowing for their mutual
influence. Dokl. AN Azerb. SSR. 19 no.6:17-23 '63 (MIRA 17:7)

1. Institut energetiki AN AzSSR. Predstavлено академиком AN
AzSSR Ch.M. Dzhuvary.

CHAL'YAN, K.M.

Method for calculating current density distribution along the
cross section of conductors in a system of cylindrical wires
taking into account the proximity effect. Dokl. AN Azerb. SSR.
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Ch.M. Dzhuvarly.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

CHAL'YAN, K.M. (Baku)

Distribution of an alternating current along the cross sections of a
random number of cylindrical parallel conductors. Izv. AN SSSR Energ.
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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9"

CHAL'YAN, E. N.

Determining the strength of a magnetic field and the current
intensity from the conductor cross sections in a system of
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Quantitative spectrographic determination of beryllium and
scandium in products of the treatment of beryllium-bearing
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(Beryllium—Spectra) (Scandium—Spectra)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9

CHALYK, D.A., inzhener; VOLKOV, A.K., kandidat tekhnicheskikh nauk.

Shipbuilding at the All-Union Industrial Exhibition of 1956.
Sudostroenie 22 no.9:25-36 S '56. (MIRA 10:1)
(Moscow--Exhibitions) (Shipbuilding)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000308120008-9"

DVOYRIN, M.S.; KRAVCHENKO, S.S.; BEZHESOVA, Zh. A.; ZAMDBORG, L.F.; CHALYK, N.A.;
PEREVOZNIKOVA, ~~Zn.~~ L.; BURLACHENKO, N.A.

Problem of elimination of meningeal tuberculosis in children. Sov. med.
22 no.12;125-130 D '58. (MIRA 12:1)

1. Iz organizatsionno-metodicheskogo otdela (sav. - prof. S.S. Eagan) Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni akad. P. G. Yanovskogo (dir. - dots. A.S. Manolat) i Ternopol'skogo, Vinitskogo, Chernigovskogo, Kiivskogo, Chernovitskogo i Stanislavskogo oblastnykh protivotuberkuleznykh dispensserov.

(TUBERCULOSIS, MENINGAL, in inf. & child
prev. (Rus))

CHALYK, T.S., nauchnyy sotrudnik

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individual corn ear. Trudy Kish. sel'khoz. inst. 3:137-140 '55.

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So: Knizhnaya Letopis', No 12, 1956

CHALYK, T.S.

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no.5:135-141 N '65. (MIRA 19:1)

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CHALYKH, A. I.

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U-1505, 4 Oct 1951.